



Matsushita Electric Industrial Co., Ltd.
Web Site: <http://www.panasonic.co.jp/global/>

SL-SX425
SL-SX420
SL-SX419C
SL-SX418

Portable CD player
Operating Instructions

Dear Customer
Thank you for purchasing this product. Before connecting, operating or adjusting this product, please read these instructions completely. Please save this manual for future reference.

- Note:**
- “EB” on the packaging indicates the United Kingdom.
 - SL-SX419C and SL-SX418 models are not designed for use with remote control.

RQT7028-B
F0203KK0

Troubleshooting guide

- References to WMA apply only to SL-SX425.
- References to the remote control apply only to SL-SX425 and SL-SX420.

Before requesting service, make the below checks. If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, consult your dealer for instructions.

No play.	<ul style="list-style-type: none">•The HOLD function is on (⇄page 4).•The disc isn't correctly set.•The disc is scratched or dirty.(Tracks skipped.)•There is moisture on the lens. Wait for about an hour and then try again.•The lens is dirty: clean it with a blower (recommended product: SZZP1038C).If the lens gets marked with fingerprints, gently wipe them off with a cotton swab.
Cannot play WMA/MP3.	<ul style="list-style-type: none">•The unit may not read WMA/MP3 correctly if it is shaken while it is reading the files.•You may not be able to play WMA/MP3 if you have copied a multi-session disc that has no data between sessions.•You may not be able to play a WMA disc if it contains large files, such as JPEG.•You cannot play a WMA disc if the copy protection setting was on when you made the disc.
No sound or there is a lot of noise.	<ul style="list-style-type: none">•Ensure the plugs are inserted firmly.•Wipe the plugs clean with a clean cloth.•Noise may occur when playing WMA/MP3 if recording quality is poor.•The elapsed playing time disappears and sound is interrupted if bumps continue repeatedly.
Play doesn't resume from the track where play stopped at.	<ul style="list-style-type: none">•This doesn't work if you change discs.•This doesn't work during random play.•It may not work correctly under some conditions.
Play doesn't start from the first track.	<ul style="list-style-type: none">•Random play modes may be on (⇄page 6).•Play resumes from the track where you last stopped play. Use skip to return to the first track.
The unit stops working.	Disconnect then reconnect all power sources (batteries and AC adaptor).
Cannot search through tracks.	You cannot search through WMA/MP3 files.
Cannot skip albums.	You cannot skip between the first and last albums during play.

Cannot hear the remote control's operation tone.	The operation tone may be off (⇄page 6).
The unit malfunctions when connected to other equipment.	Be sure to connect other equipment through the remote control. Speakers connected directly to the unit should have an impedance of 1 kΩ or less.
The remote control malfunctions.	Use only the included remote control to operate this unit.
Cannot recharge.	<ul style="list-style-type: none">•You aren't using the special rechargeable batteries (⇄page 5).•You must insert two batteries before you can recharge them.•The unit must be off before you can recharge.
The AC adaptor becomes warm during recharging.	This is normal.
The batteries are taking a long time to recharge.	The batteries may take a maximum of 6 hours to recharge under some conditions.
Play time is very short even after recharging.	The batteries may have reached the end of their service life. Usually they can be recharged 300 times.
Play time is short after recharging.	<ul style="list-style-type: none">•This may occur after the first time you recharge the batteries or after you haven't used them for a long time. Play time should be restored after a few recharges.•The batteries can go flat if you leave the AC adaptor connected after recharging is complete.
The battery indicator fails to appear or is incorrect.	<ul style="list-style-type: none">•The indicator does not appear when the AC adaptor is connected.•The indicator does not appear correctly under some other conditions.

<i>hold</i>	The HOLD function is on (⇄page 4).
<i>no disc</i>	<ul style="list-style-type: none">●You haven't inserted a disc or it isn't inserted correctly.●You have inserted a disc this unit cannot play.
<i>open</i>	The disc lid is open.
<i>F</i>	Full: The program already contains 20 tracks.
<i>3</i>	Reading WMA/MP3 files.

Maintenance

If the surfaces are dirty wipe with a soft, dry cloth.

- Never use alcohol, paint thinner or benzine to clean this unit.
- Before using chemically treated cloth, read the instructions that came with the cloth carefully.

- Do not expose the unit to direct sunlight or heat, such as from heating appliances, as these can damage the unit.
- Discontinue use if you experience discomfort with the earphones or any other parts that directly contact your skin. Continued use may cause rashes or other allergic reactions.

Batteries

- Do not peel off the covering on batteries and do not use if the covering has been peeled off.
- Align the poles + and - correctly when inserting the batteries.
- Do not mix different types of batteries or old and new batteries.
- Remove the batteries if you do not intend to use the unit for a long time.
- Do not throw into fire, short-circuit, disassemble, or subject to excessive heat.
- Do not attempt to recharge dry cell batteries.
- When carrying batteries in a pocket or bag, ensure no metal objects such as necklaces are placed together with them. Contact with metal may cause short-circuiting which can cause a fire.

Listening

- Do not play your headphones or earphones at a high volume. Hearing experts advise against continuous extended play.
- If you experience a ringing in your ears, reduce volume or discontinue use.
- Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations.
- Even if your headphones or earphones are the open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you.

CDs

- Do not use irregularly shaped CDs.
- Do not use non-specification discs.
- Do not use CDs printed with label printers available on the market.
- Do not use CDs with labels and stickers that are coming off or with adhesive exuding from under labels and stickers.

Specifications

References to WMA apply only to SL-SX425.

Audio (CD-DA)

No. of channels: 2 (left and right, stereo)

Frequency response: 20 to 20,000 Hz
(+0.5 dB to −10 dB)

DA converter: 1 bit, MASH

Headphone output level: RMS max. 8 mW+8 mW/
16 Ω (adjustable)

Pickup

Light source: Semiconductor laser

Wavelength: 780 nm

WMA(SL-SX425)/MP3

Supported bit-rates:

WMA: 32 kbps to 192 kbps
(96 kbps is recommended)

MP3: 32 kbps to 320 kbps
(128 kbps is recommended)

Supported sampling frequencies

48 kHz/44.1 kHz/32 kHz

Maximum number of items
(sum of albums and tracks): 999

Maximum album levels: 100

General

Power supply:

DC input: DC 4.5 V

Except for **SL-SX419C** purchased in the United Kingdom

AC adaptor input:

The United Kingdom:
AC 230 –240 V 50/60 Hz

Australia and N.Z.:
AC 230 –240 V 50 Hz

Other areas: AC 110 –127 V/
220 –240 V 50/60 Hz

Except for **SL-SX419C** purchased in the United Kingdom

Power consumption:

Using AC adaptor: 3.3 W

Recharging: 5.4 W

Play time:

Approximate operating time in hours, playing WMA/MP3 at the recommended bitrate (WMA: 96 kbps, MP3: 128 kbps), with HOLD on and EQ canceled, at 25 °C on a flat, stable surface.

Batteries used	WMA disc (SL-SX425)	MP3 disc	CD-DA disc
2 optional alkaline batteries	45	48	37
2 optional rechargeable batteries	20	23	15

Recharging time: 5 to 6 hours

- The play time may be less depending on the operating conditions.
- Play time will be considerably reduced when playing CD-RW.

Operational temperature range: 0 °C–40 °C

Rechargeable temperature range: 5 °C–40 °C

Dimensions (W×H×D): 135×27.7×135 mm

Mass: 210 g (with batteries)
164 g (without batteries)

Note:

Specifications are subject to change without notice.

Mass and dimensions are approximate.

CAUTION!

- DO NOT INSTALL OR PLACE THIS UNIT IN A BOOKCASE, BUILT-IN CABINET OR IN ANOTHER CONFINED SPACE. ENSURE THE UNIT IS WELL VENTILATED. TO PREVENT RISK OF ELECTRIC SHOCK OR FIRE HAZARD DUE TO OVERHEATING, ENSURE THAT CURTAINS AND ANY OTHER MATERIALS DO NOT OBSTRUCT THE VENTILATION VENTS.
- DO NOT OBSTRUCT THE UNIT'S VENTILATION OPENINGS WITH NEWSPAPERS, TABLECLOTHS, CURTAINS, AND SIMILAR ITEMS.
- DO NOT PLACE SOURCES OF NAKED FLAMES, SUCH AS LIGHTED CANDLES, ON THE UNIT.
- DISPOSE OF BATTERIES IN AN ENVIRONMENTALLY FRIENDLY MANNER.

CAUTION!

THIS PRODUCT UTILIZES A LASER.
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF.
REFER SERVICING TO QUALIFIED PERSONNEL.

WARNING:

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE, DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

Marking sign is located on bottom of the unit.

This product may receive radio interference caused by mobile telephones during use. If such interference is apparent, please increase separation between the product and the mobile telephone.

For the United Kingdom:

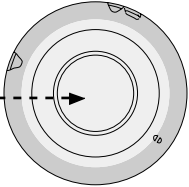
Notice about the rechargeable battery
The battery is designated recyclable.
Please follow your local recycling regulations.

For the United Kingdom, Australia and N.Z.:

THIS UNIT IS INTENDED FOR USE IN MODERATE CLIMATES.

For other areas:

THIS UNIT IS INTENDED FOR USE IN TROPICAL CLIMATES.



(Bottom of product)

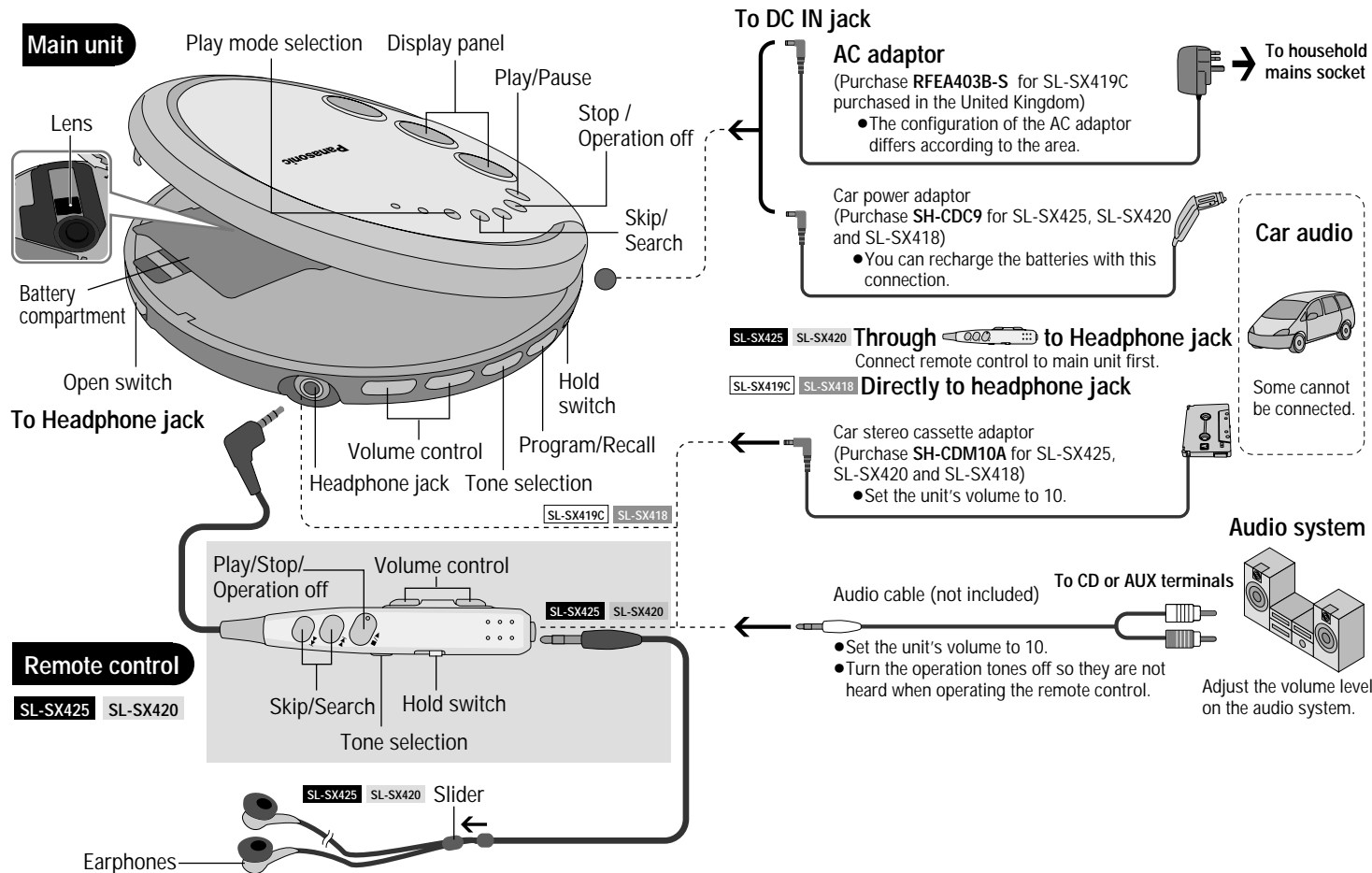
ADVARSEL-UVSYNLIG LASERSTRÅLING VED ÅBNING. NÅR SIKKERHEDSÅFBR- YDERE ER LØST AF FUNKTION. UNDGÅ UNSIKTTELSE FOR STRÅLING. VORSICHT-UNSIICHTBARE LASERSTR- AHLUNG. WENN ABEDECKUNG GEÖFFN- ET UND SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT. NICHT DEM STRAHL AUSSETZEN. DANGER-INVISIBLE LASER RADIAT- ION WHEN OPEN AND INTERLOCK DEFEATED. AVOID DIRECT EXPOSURE TO BEAM. RQLS0244	VARO! AVATTAESSA JA SUJUALU- KITUS OHITETTAESSA OLET ALTIINNA NAKYVÄTÖNTÄ LASERSÄTEILVILJE. ÄLÄ KATSO SÄTEESSEEN. VARNING OSYNLIG LASERSTRÅL- NING NÅR DENNA DEL ÄR ÖPPNAD OCH SPÄRREN ÄR URKOPPLAD. BETRAKTA EJ STRÅLEN. ADVARSEL-UVSYNLIG LASERSTRÅL- ING NÅR DEKSEL ÅPNES OG SIKKERHEDSLÅS BRYTES. UNNGÅ EKSPOSERING FOR STRÅLEN.
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(Inside of product)

Location of controls/Connection to other equipment

- References to WMA apply only to SL-SX425.
- References to the remote control apply only to SL-SX425 and SL-SX420.

Turn off this unit and the other equipment before connection.



Playing WMA and MP3

SL-SX425 can play WMA and MP3 files. SL-SX420, SL-SX419C and SL-SX418 can play MP3 files.

MP3:MPEG Layer-3 audio decoding technology licensed from Fraunhofer IIS and Thomson multimedia.

HOLD

This function causes the unit to ignore accidental button presses. Set to HOLD so the unit doesn't power on accidentally or play is interrupted.

■The unit and remote control each have independent HOLD switches.

Note on CD-R and CD-RW

This unit can play CD-R and CD-RW recorded with CD-DA or WMA/MP3. Use an audio recording disc for CD-DA and finalize* it when you finish recording. The unit may not be able to play some discs due to the condition of the recording.

※A process performed after recording that enables CD-R/CD-RW players to play audio CD-R and CD-RW.

Resume function

The player stores the track where you stopped play. Replacing the disc cancels the function.

Auto power off function

If the unit is left in stop mode for approximately 10 minutes, the unit powers itself off automatically.

Supplied Accessories

Check the packing carton for these accessories.

Use numbers indicated when asking for replacement parts.

Except for **SL-SX419C** purchased in the United Kingdom

•1 AC adaptor

The United Kingdom:NOJCCE000004
Australia and N.Z.: NOJCCE000003
Other areas: NOJCCE000001

For areas except the United Kingdom, Australia and N.Z.:

•1 Power plug adaptor: SJP5213-2

•1 Pair of stereo earphones

SL-SX425 SL-SX420 : LOBAB0000124
SL-SX418 SL-SX419C : LOBAB0000123

SL-SX425 SL-SX420

•1 Wired remote control: N2QCBD000010

SL-SX419C

•1 Car power adaptor: SH-CDC12PEY

•1 Car stereo cassette adaptor: SHCDM10B1PYK

For the United Kingdom and Republic of Ireland:

shop@ Panasonic www.panasonic.co.uk (for UK customers only)

- Order accessory and consumable items for your product with ease and confidence by telephoning our Customer Care Centre Mon-Friday 9:00am-5:30pm. (Excluding public holidays.)
- Or go on line through our Internet Accessory ordering application.
- Most major credit and debit cards accepted.
- All enquiries transactions and distribution facilities are provided directly by Panasonic UK Ltd.
- It couldn't be simpler!

Customer Care Centre

For UK customers: 08705 357357

For Republic of Ireland customers: 01 289 8333

Technical Support

For UK customers: 0870 1 505610

This Technical Support Hot Line number is for Panasonic PC software related products only. For Republic of Ireland, please use the Customer Care Centre number listed above for all enquiries.

For all other product related enquiries, please use the Customer Care Centre numbers listed above.

Power Supply

Rechargeable batteries (not included) Recharge before initial use.

As a safety precaution this unit is constructed so it is impossible to recharge ordinary batteries. For details, check with your dealer.

Special rechargeable Ni-Cd batteries

The United Kingdom:

P-3GAVE/2B (set of 2)

Other areas:

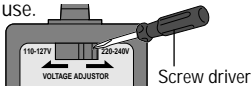
P-3GAVT/2B (set of 2)

Ordinary dry cell batteries/
rechargeable batteries

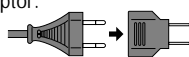


■Except for the United Kingdom, Australia and N.Z.

Be sure to set the proper voltage in your area before use.



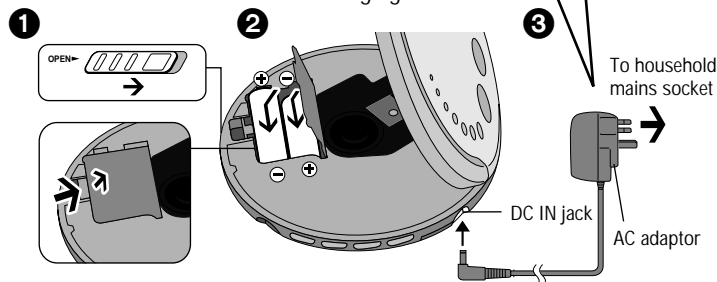
If the power plug will not fit your socket, use the power plug adaptor.



■For SL-SX419C purchased in the United Kingdom

Be sure to obtain the optional AC adaptor RFEA403B-S.

Make sure the unit is off when recharging.



■The configuration of the AC adaptor differs according to the area.

■The battery indicator () scrolls while recharging and disappears when finished (5 to 6 hours).

■You can recharge the batteries before they are fully discharged.

■Fit the battery lid so it is secure and flush with the battery compartment if it comes loose, otherwise it can scratch your discs.

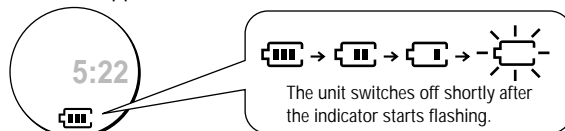
Dry cell batteries (not included)

After disconnecting the AC adaptor, insert two "LR6, AA, UM-3" alkaline batteries.

Insert the same way as the rechargeable batteries.

The battery indicator

This indicator appears when the unit is on.



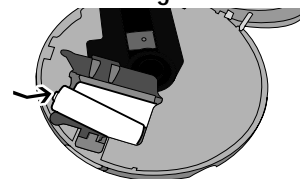
■Before playing starts the battery indicator may flash although the batteries are not drained. It appears correctly once you start play.

General

■Play time

⇄ Specifications, page 2

■Removing batteries



Car adaptor

The SL-SX419C comes with a car adaptor. (Refer to the separate installation instructions.)

Purchase the optional accessory car power adaptor (SH-CDC9) for use with SL-SX425, SL-SX420 and SL-SX418.

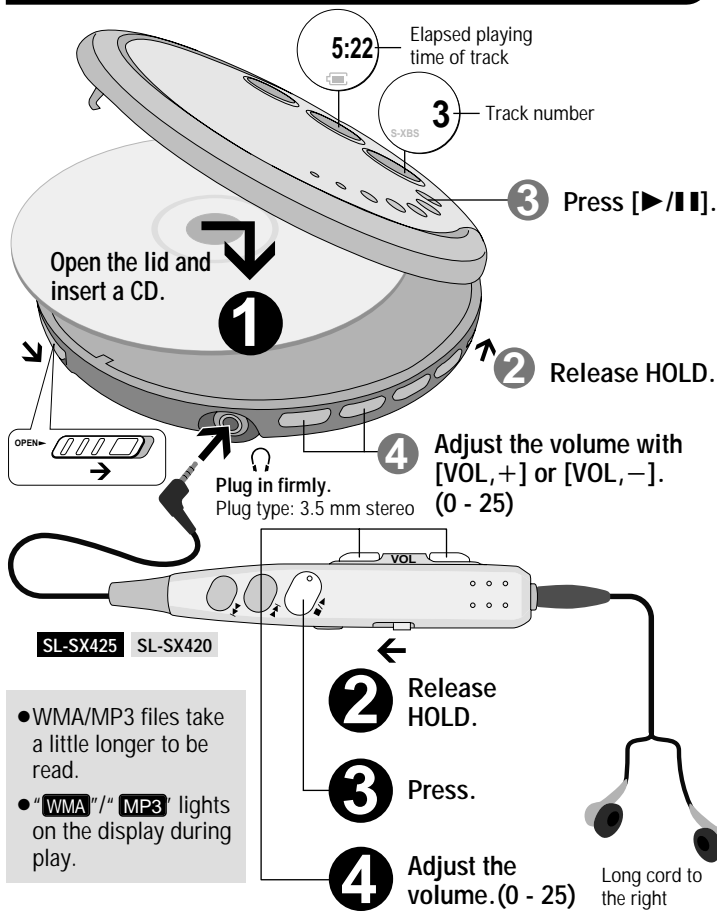
The unit is in the standby condition when the AC adaptor is connected. The primary circuit is always "live" as long as the AC adaptor is connected to an electrical outlet.

How to Use

•References to WMA apply only to SL-SX425.

•References to the remote control apply only to SL-SX425 and SL-SX420.

Playback



- WMA/MP3 files take a little longer to be read.
- "WMA"/"MP3" lights on the display during play.

Pause

Remote control

Not available.

Main unit

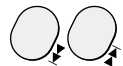


Press.

■Press again to restart play.

Search

Remote control



Press and hold during play.

Main unit



Press and hold during play.

■You cannot search while playing WMA/MP3.

■You can search only within the current track during program, one-track repeat, or random play modes (⇄ page 6).

Skip

Remote control



Press.

Main unit



Press.

■Press [◀◀] twice to skip to the previous track during play.

Stop

Remote control



Press.

■Press and hold to turn the unit off.

Main unit



Press.

■Press again to turn the unit off.

Number of tracks



51:52

Total play time

WMA MP3 Number of albums



TRACK -- 25

Number of tracks

Other Play Methods



- References to WMA apply only to SL-SX425.
- References to the remote control apply only to SL-SX425 and SL-SX420.

Program Play

Main unit

- 
Select the tracks while stopped.
When programming WMA/MP3 tracks, you can skip albums before selecting tracks (⇄ below).

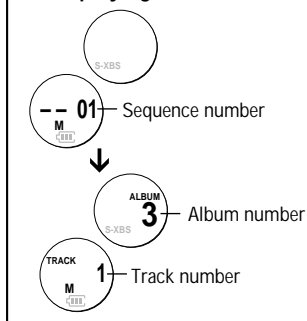
- 
Press to register.

Track number  3
Sequence number  01

- Repeat steps 1 and 2 to register up to 20 tracks.**

- 
Start play.

When playing WMA/MP3



- To confirm the contents of the program
Press [MEMO] while the disc is playing.
- To delete the entire program
Press [■].

Changing the sound quality

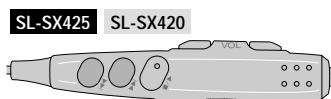
Each time you press

Main unit



S-XBS → LIVE
Boosts the bass Concert hall-like sound
No display (canceled)

- The effect may differ between different kinds of music.



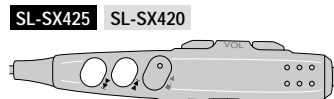
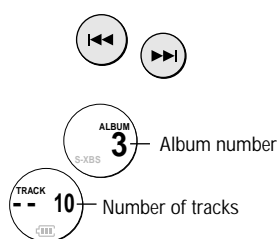
Playing WMA/MP3

- References to WMA apply only to SL-SX425.
- References to the remote control apply only to SL-SX425 and SL-SX420.

Starting play from an album (Album skip)

Press and hold until the album you want appears.

Main unit



Playing only the tracks in a selected album (Album mode)

Each time you press and hold

Main unit

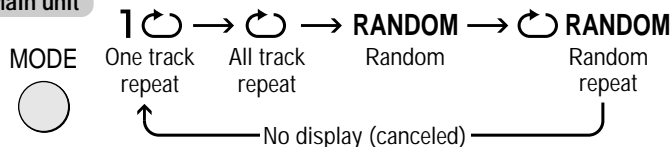
MODE
ALBUM Album mode
No display (canceled)

- You cannot turn album mode on during program play.
- You can select another album with album skip.

Play modes

Each time you press

Main unit

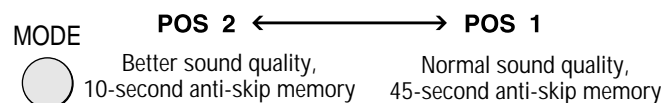


- You cannot select "RANDOM" while playing WMA/MP3.
- You cannot skip back to other tracks during random play.

Anti-Skip System

This system reduces the skipping caused by vibration to a minimum. You can change the anti-skip memory time for CD-DA to improve sound quality. Each time you press and hold

Main unit

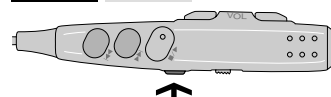


- You cannot change the memory time for WMA/MP3. It is a maximum of 130 seconds for WMA recorded at 96 kbps and 100 seconds for MP3 recorded at 128 kbps.

Turning the operation tone off

Press and hold [EQ] until "bP OFF" appears.

SL-SX425 SL-SX420

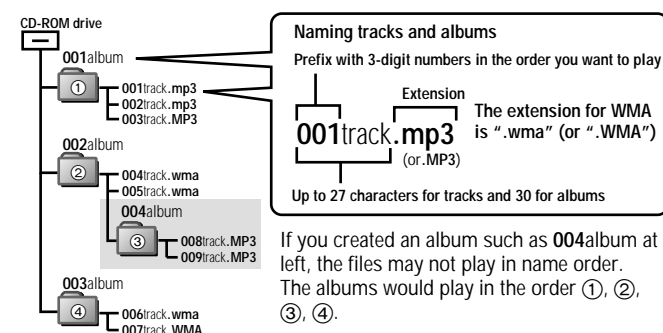


bP on ← bP OFF
Tone on Tone off

WMA and MP3 are methods of compressing audio without overtly hurting audio data. SL-SX425 can play WMA and MP3. SL-SX420, SL-SX419C and SL-SX418 can play MP3.

When creating WMA/MP3 files to play on this unit

- Disc formats: ISO9660 level 1 and level 2 (except for extended formats)
- It is better not to create folders (album) within folders (004album below).



Limitations on WMA/MP3

- This unit is compatible with multi-session but if there are a lot of sessions it takes more time for play to start. Keep the number of sessions to a minimum to avoid this.
- This unit cannot play files recorded using packet write.
- If the disc includes both WMA/MP3 and normal audio data (CD-DA), the unit plays the type recorded in the inner part of the disc. If the disc includes both WMA/MP3 and other types of audio data (e.g. WAV), the unit plays only the WMA/MP3.
- Depending on how you create WMA/MP3 files, they may not play in the order you numbered them or may not play at all.

Windows Media, and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries. WMA is a compression format developed by Microsoft Corporation. It achieves the same sound quality as MP3 with a file size that is smaller than that of MP3.

